

MONTHLY OPERATIONS REPORT

March 2015

Town of Discovery Bay, CA

2040 Days of Safe Operations

91,496 worked hours since last recordable incident

TRAINING:

Safety, Operations, & Equipment

Safety	Hours
West Monthly Regional Safety Webinar Weekly Safety Topics	2.0
Operations	
Dystor Sand Filter Ventis MX4 Air Meter	2.0

REPORTS SUBMITTED TO REGULATORY AGENCIES

Monthly Discharge Monitoring Report (DMR) Monthly electronic State Monitoring Report (eSMR) Monthly Coliform Report, California Department of Public Health (CDPH)
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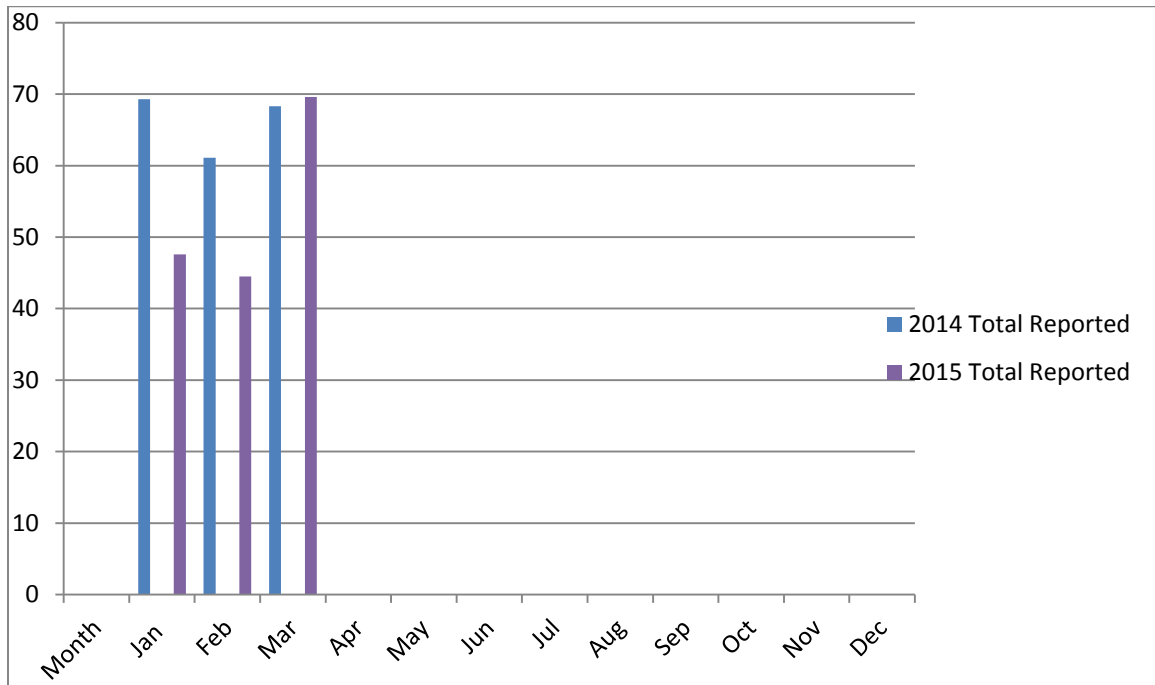
WATER SERVICES

# of Active Wells	Water Produced (MG)	Chemical (Hypo) Delivered	Fire Hydrant Flushing
5	69.6	950	0

Note: Well 4 in lead and Well 5 in lag to offset specific conductivity

2015 Water Production Table (MG) by Month

January	February	March	April	May	June
47.6	44.5	69.6			
July	August	September	October	November	December



Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	Brown Water Calls
20	0	0	0

WASTEWATER SERVICE

<i>WW Effluent Parameter</i>	<i>Permit Limits</i>	<i>February Lab Data</i>	<i>March Lab Data</i>
Flow, MG Effluent, monthly total		35.3	36.7
Flow, MG Daily Influent Flow, avg.	N/A	1.33	1.43
Flow, MG Daily Discharge Flow, avg.	2.1	1.26	1.18
Effluent BOD ₅ , lbs/d, monthly avg.	350	51	34
Effluent TSS, lbs/d, monthly avg.	525	85	63
Effluent BOD ₅ , mg/L, monthly avg.	20	4	3
Effluent TSS, mg/L, monthly avg.	30	7	6
Total Coli form 7 day Median Max	23	1	0
Total Coli form Daily Maximum	240	2	2
% Removal BOD ₅ , monthly avg.	85% min.	98	98
% Removal, TSS, monthly avg.	85% min.	95	96
Electrical Conductivity, umhos/cm annual avg.	2100	1950	1970

Wastewater Laboratory Analysis

Blue – new parameter added

National Pollution Discharge Elimination System (NPDES)

NPDES Related Excursions	Permit Parameter	NPDES Parameter Limit	Actual Parameter Result
0	None	0	N/A

Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	7-Day Median Excursion
14	0	0	0

# of Active Lift Stations	# of Inactive Lift Stations	Chemical Usage Polymer-gals	SSO	Wastewater Received (MG)
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15	0	39	0	44.8
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COLLECTION:

- Flushed 0 ft. of sanitary sewer lines, YTD 25763 ft.
- CCTV 25463 ft. entire system completed (Deadline is May 2015)
- Inspected 23 manhole & covers. 113 YTD
- Performed valve exercising
- Performed weekly lift station inspections.

MAINTENANCE:

Preventive and Corrective

Total # of WO's Completed	Total Hours
213	146

Work Order Back-Log

Aging 8 - 30 Days	Aging > 30 Days
37	29

Call & Emergency Responses

Call Outs	Emergencies
7	0

Personnel Hours & Overtime:

Regular Hours	Overtime
1408	66

TERMS

WWTP	WASTEWATER TREATMENT PLANT
WTP	WATER TREATMENT PLANT
WL	WILLOW LAKE
NP	NEWPORT
VFD	VARIABLE FREQUENCY DRIVE
WO	WORK ORDER
PLC	PROGRAMMABLE LOGIC CONTROLLER
L/S	LIFT STATION
SSO	SANITARY SEWER OVERFLOW
BOD	BIOLOGICAL OXYGEN DEMAND
TSS	TOTAL SUSPENDED SOLIDS
MGD	MILLION GALLONS PER DAY
mg/l	MILLIGRAMS PER LITRE
CCTV	CLOSED CIRCUIT TELEVISION
PPM	PARTS PER MILLION
RAS	RETURN ACTIVATED SLUDGE
WAS	WATSE ACTIVATED SLUDGE
UV	ULTRAVIOLET LIGHT